Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

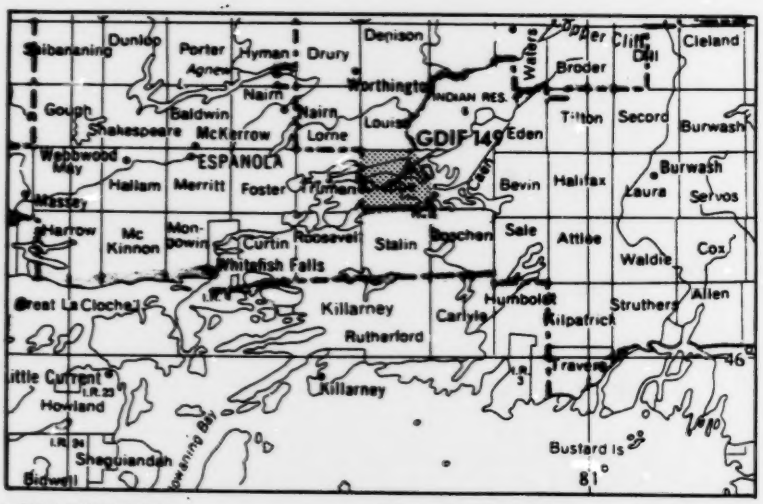
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 149

DIEPPE TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office,
Sudbury



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 41 I/3, 41 I/6

Mining Claim Map Number M761

This project was funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Dieppe Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 149, Compiled by the staff of the Resident Geologist's Office, Sudbury, 16p. and 2 maps.

Original Compilation by: Sinfield, Leigh, Aug.5, 1983

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map – 1 map
Exploration Data Map – 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.S.
2	Assessment Files Research Office, Toronto	N.A.	L.S.
3	ODM General Index; 7 volumes	Yes	L.S.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	L.S.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.S.
6	ODM Industrial Mineral Reports	No	L.S.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	N.A.	L.S.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	L.S.
9	Newspaper Clippings File	No	L.S.
10	GSC Index to Publications	Yes	L.S.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L.S.
12	OGS Index Maps	Yes	L.S.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	L.S.
14	Author - Subject Articles File	Yes	L.S.
15	Miscellaneous Papers: ODM & OGS	Yes	L.S.
16	ODM Geological Circulars: OGS Study Series , Reports	Yes	L.S.
17	ODM Preliminary Reports: ODM Bulletins	No	L.S.
18	ODM – OGS Open File Reports	Yes	L.S.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.S.
20	OGS Aggregate Resources Inventory Papers	N.A.	L.S.
21	OGS Mineral Potential Maps	Yes	L.S.
22	Theses on File, Sudbury	Yes	L.S.
23	Aerial Photographs on File, Sudbury	Yes	L.S.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite	△ fu. . . . . .Fuchsite	▲ Ni. . . . . Nickel	△ st. . . . . .Stone
△ ank. . . . . .Ankerite	△ gn. . . . . .Galena	△ Nb . . . . . .Niobium	△ talc. . . . . .Talc
△ anna . . . . . Annabergite	△ gt. . . . . .Garnet	△ Pd . . . . . .Palladium	△ Te . . . . . .Tellurium
△ ap. . . . . .Apatite	△ goe . . . . . .Goethite	△ peat . . . . . .Peat	△ td. . . . . Tetrahedrite
△ arg . . . . . Argentite	▲ Au . . . . . Gold	△ pent . . . . . .Pentlandite	△ th. . . . . .Thorite
△ As . . . . . .Arsenic	△ gf. . . . . .Graphite	△ Pt. . . . . .Platinum	△ Th . . . . . .Thorium
▲ asp . . . . . .Arsenopyrite	△ gl . . . . . Gravel	▲ py . . . . . .Pyrite	△ thuc . . . . . Thucholite
△ asb . . . . . .Asbestos	△ gyp. . . . . Gypsum	△ pyl . . . . . Pyrochlore	△ ti . . . . . Titanite
△ ba. . . . . .Barite	△ hem . . . . . Hematite	△ pyrl . . . . . .Pyrolusite	△ Ti. . . . . Titanium
△ be. . . . . .Beryl	△ il . . . . . Ilmenite	▲ po . . . . . .Pyrrhotite	△ tour . . . . . .Tourmaline
△ Bi. . . . . .Bismuth	△ Fe . . . . . .Iron	△ q . . . . . Quartz	△ trap . . . . . .Trap rock
△ bn . . . . . .Bornite	△ IF. . . . . Iron Formation	△ qcv. . . . .Quartz carbonate vein	△ W. . . . . Tungsten
△ bran . . . . . .Brannerite	△ jas . . . . . Jasper	△ ra. . . . . .Radioactive minerals	△ uran . . . . . Uraninite
△ bruc . . . . . .Brucite	△ kaol . . . . . .Kaolinite (kaolin)	△ RE . . . . . .Rare Earths	△ U . . . . . .Uranium
△ Cd . . . . . Cadmium	△ ky . . . . . Kyanite	△ sd. . . . . Sand	△ verm . . . . . .Vermiculite
△ calc. . . . . Calcite	△ Pb . . . . . Lead	△ sgl . . . . . Sand and gravel	△ Y . . . . . Yttrium
△ carb . . . . . .Carbonate	△ lim . . . . . Limonite	△ ss . . . . . .Sandstone	△ Zn . . . . . .Zinc
△ cel . . . . . .Celestite	△ Li. . . . . Lithium	△ scap . . . . . Scapolite	△ zr. . . . . Zircon
△ cc. . . . . .Chalcocite	△ mgst . . . . . .Magnesite	△ shee . . . . . .Scheelite	▲ . . . . . .Sulphide
▲ cp. . . . . .Chalcopyrite	△ mag . . . . . .Magnetite	△ serp . . . . . Serpentine	
△ ch. . . . . .Chert	△ mc . . . . . Malachite	△ sh. . . . . .Shale	
△ clay . . . . . .Clay	△ Mn . . . . . Manganese	△ sid . . . . . Siderite	
△ Co . . . . . Cobalt	△ mb . . . . . Marble	△ si . . . . . .Silica	
△ cob. . . . . Cobaltite	△ mar. . . . . Marcasite	▲ Ag . . . . . .Silver	
△ cb. . . . . .Columbite	△ ma . . . . . .Marl	△ sl . . . . . Slate	
▲ Cu . . . . . .Copper	△ mi . . . . . Mica	△ sm . . . . . .Smaltite	
△ cor . . . . . Corundum	△ ml . . . . . .Millerite	△ sod. . . . . Sodalite	
△ dol . . . . . Dolomite	△ mo . . . . . Molybdenite	△ spec . . . . . Specularite	
△ ep. . . . . Epidote	△ Mo . . . . . .Molybdenum	△ sp. . . . . .Sphalerite	
△ ery . . . . . Erythrite	△ mon . . . . . Monazite	△ spd. . . . . .Spodumene	
△ fel . . . . . .Feldspar	△ ne. . . . . Nephelite (nepheline)	△ staur. . . . . .Staurolite	
△ fl . . . . . .Fluorite (flurospar)	△ nc. . . . . .Niccolite	△ stib. . . . . Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

DIEPPE TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Hoyle Prospect	S	-		GR124, Map 2299
B	Hoyle Prospect	Ni,Cu	-		GR124, Map 2299
C	Chellew Occurrence	Cu	320		GR124, Map 2299

GDIF FORM NO. 1

4 DIEPPE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	J. A. McClasky (Penage Lake Property)				54															
2	Chellew Mines Ltd.			57	57	57														
3	Hoyle Mining Co. Ltd.	57	57	57	57	57						57								
4	Mattagami Lake Mines Ltd.				76	76						75			75					
5	Fielding, C.			69																

GDIF FORM NO. 2

DIEPPE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	J. A. McClasky	4	1954	N50°E	45	21	214	py,cp,po	
2		5	1954	N50°E	45	15	239	py,cp,po	
3	Chellew Mines Ltd.	1	1957	N	46	0	40.3	py,cp,asp	Au,Ag,Cu
4	Hoyle Mining Co. Ltd.	2	1957	S	49	0	63.2	py	
4a		3	1957	N	43	0	49.6	py,cp,po	Cu,Ni,Au
5		5	1957	N	45	0	60.9	py,po,cp	Cu,Ni,Au
5a		6	1957	S	47	0	47.0		
5b		9	1957	N	44	0	61.0	py,cp	
5c		10	1957	N	41	2	60.1	py	
5d		11	1957	N	45	0	25.0		
6	Mattagami Lake Mines Ltd.	D-B-76-1	1976	N	45	0	397	py,cp,po	Cu,Au,Ni
7		D-A-76-2	1976	N	45	0	357	po,cp	Cu,Au,Ni
8		D-A-76-3	1976	350°	45	24	386	py,cp,po	Cu,Au,Ni
9		D-D-76-4	1976	S	45	4	380	py,cp,po	Cu,Au,Ni
10		D-B-76-5	1976	N	45	14	567	py,cp,po	Cu,Au,Ni
11		D-B-76-6	1976	2°	45	0	477	py,cp,po	Cu,Au,Ni

GDIF FORM NO. 1

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

DIEPPE TOWNSHIP

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Geochemical	copper-nickel	Pioneer Consultants Ltd.	Sudbury Resident Geologist's Assessment Files Dieppe Township DIEPPE - 0012

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. SUDBURY

No clippings on file, Aug.5, 1983.

ODM GENERAL INDEX SEARCH

Words searched:

CHELLEW	MATTAGAMI
DIEPPE TOWNSHIP	PANACHE
HOYLE	PENAGE
LITTLE PANACHE LAKE	STONEY BAY

Index Volume	Listing:	Report Volume	Part	Page
	Panache Lake	38	7	50
1	Penage Lake			
	Copper, R.C.			24
	Description	23	1	220
	Rocks on and near	23	1	219-220
				223
	limestone, analyses and notes	13	2	29,30
	dolomites, notes	1		82
	for burning	1		94
	quartzite	1		72
	Silver reported	18	1	49
	Syncline, near	1		72

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1975	Geological Compilation Series, Sudbury-Cobalt, Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury and Timiskaming District	O.G.S. Map 2361	1"=4 miles
	1978	Sudbury-Manitoulin	O.G.S. Map 2360	1"=2 miles
		GEOPHYSICAL MAPS		
Ayers, L. D., Lumbers, S. B., Milne, V. G., Robeson, D. W., Card, K. D.	1971	O.G.S. Aeromagnetic Compilation Map, East Central Sheet	OFR 5327	1"=16 miles
G.S.C.-O.D.M.	1965	Aeromagnetic Map, Sudbury, Ontario	Map 7067G	1"=4 miles
G.S.C.-O.D.M.	1965	Aeromagnetic Map, Lake Panache, Ontario	Map 1516G	1"=1 mile
G.S.C.-O.D.M.	1965	Aeromagnetic Map, Copper Cliff, Ontario	Map 1517G	1"=1 mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map of the Sudbury and Onaping Lake Area, Districts of Sudbury and Algoma	Map P.2482	1"=16 miles
O.D.M.	1958	Aeromagnetic Map, Township of Dieppe	A-110 (Sudbury File No.)	1"=¼ mile
O.G.S.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey.Geophysical Series	Map P.1610	1:250 000

GDP FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dept. of Energy, Mines and Resources, Surveys and Mapping Branch	1975	Topographic Map, Lake Panache, Ontario	41 I/3	1:50 000
	1975	Topographic Map, Copper Cliff, Ontario	41 I/6	1:50 000
Gartner, J. F.	1978	N.O.E.G.T.S. Terrain Study 99, Espanola Map	5002	1:100 000
		MINERAL POTENTIAL MAPS		
Springer, J. S.	1978	Ontario Mineral Potential, Southern Part of the Central Sheet. Districts of Algoma and Manitoulin.	O.G.S. Map 1511	1:250 000
Springer, J.S., Robertson, J. A. and Vos, M. A.	1981	Mineral Potential of Ontario. East Central Sheet.	OFR 5327	1"=16 miles
		GEOLOGICAL REPORTS AND MAPS		
Card, K. D.	1971	Panache Lake Area (East Part)	Map P.669	1"=1 mile
	1975	Geology of Panache Lake Area, Districts of Sudbury and Manitoulin.	O.D.M. OFR 5123	
	1978	Geology of the Sudbury-Manitoulin Area, Districts of Sudbury and Manitoulin	GR166 O.G.S. Map 2360	1"=2 miles
Card, K. D., Palonen, P., Fox, J.	1968	Louise Township and north part of Dieppe Township	O.D.M. Map P.498	1"=¼ mile
Card, K. D., Innes, D. G. and Debicki, R. L.	1974	Stratigraphy, Sedimentology, Huronian Supergroup of Sudbury-Espanola Area	OFR 5107	

GDIF FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Card, K. D., Palonen, P. A. , Siemiatkowska, K. M.	1975	Geology of the Louise-Eden Area, District of Sudbury	GR124 O.D.M. Map 2299	1"=½ mile
Lumbers, S. B., Milne, V. G. , Ayers, L. D.	1976	Ontario Geological Map, East Central Sheet	O.G.S. Map 2393	1"=16 miles
O.G.S.	1981	Ontario Geological Map	OFR 5327 Map 2391	1"=16 miles
Quirke, T. T., Collins, W. H.	1930	The Disappearance of the Huronian	G.S.C. Memoir 160 Map 220A	1"=1 mile
Shklanka, R.	1969	Copper, Nickel, Leand and Zinc Deposits of Ontario	MRC No.12	p.275
Thomson, J. E.	1968	Espanola Sheet. Preliminary Map.	O.D.M. Map P.105	1"=2 miles
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Casshyap, S. M.	1966	Sedimentary Petrography of the Stratigraphy of the Huronian Rocks, South of Espanola, Ontario. Pts. 1 and 2	Univ. Western Ph.D.	
Long, D. G.	1978	Depositional Environments of a thick Proterozoic sandstone: the (Huronian) Mississagi Formation of Ontario, Canada	Can. J. Earth Sci. 15, 1978	p.190-206
McLennan, S. M., Fryer, B. J., Young, G. M.	1979	The geochemistry of the carbonate-rich Espanola Formation (Huronian) with emphasis on the rare earth elements	Can. J. Earth Sci. 16, 1979	p.230-239
Palonen, P. A.	1971	Stratigraphy and Deformational Environment of the Mississagi Formation, Ontario	Univ. Calgary B.Sc. Hons.	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Schwarz, E. J.	1970	Phases in Natural Pyrrhotite and the Effect of Heating on their Magnetic Properties and Composition.	Journal of Geomagnetism and Geoelectricity. Vol.22, No.4, 1970	p.463-470
Siemiatkowska, K. M.	1970	Bibliography on Huronian Geology Covering the Region from Sault Ste. Marie to the Grenville Front.	Sudbury Theses File.	
Young, G. M.	1981	Diamictics of the Early Proterozoic Ramsey Lake and Bruce Formations, north shore fo Lake Huron, Ontario.	Earths pre-Pleistocene Glacial Record.Cambridge U. Press	p.813-816

GDIF FORM NO.9

NOTES AND ADDENDA

Aerial Photographs Index

Year	Roll	Line	Numbers
1959	54	4608	135,136,137,138,139, 140,141,142
	54	4609	105,106,107,108,109, 110,111,112
	53	4610	54,55,56,57,58,59,60
1946	10	169	31,32,33,34,35,36,37,38
	11	168	3,4,5,6,7,8,9,10,11,12
	204	167	12,13,14,15,16,17,18
	13	166	33,34,35,36,37,38,39,40

Note

Metals and Minerals Reference List contains minerals that are listed in this text as well as those shown on the map.

GDIF FORM NO.8

DIEPPE TOWNSHIP

Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 2 .)

to accompany GEOLOGICAL DATA

INVENTORY FOLIO 149

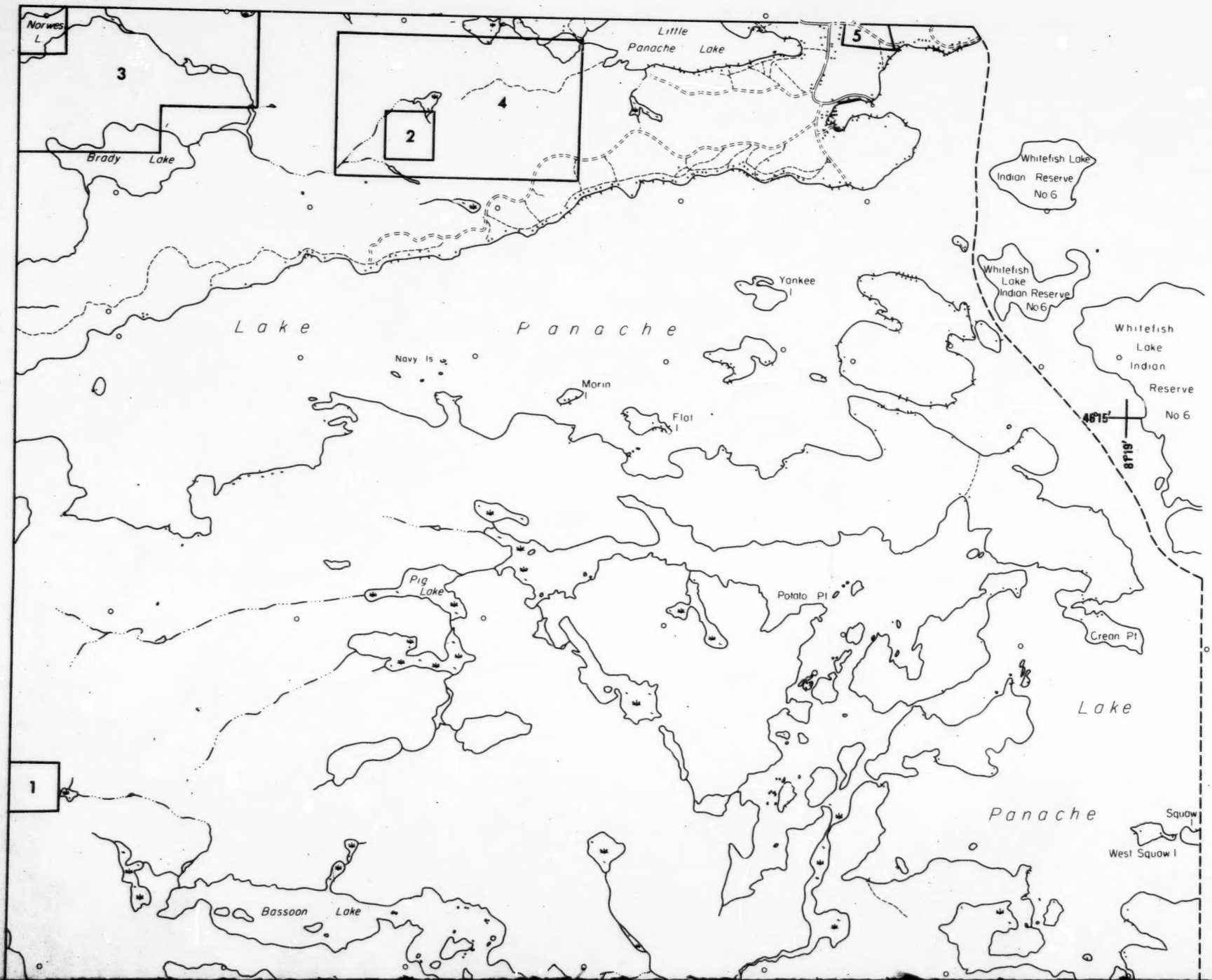
DIEPPE TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre



INVENTORY FOLIO 149

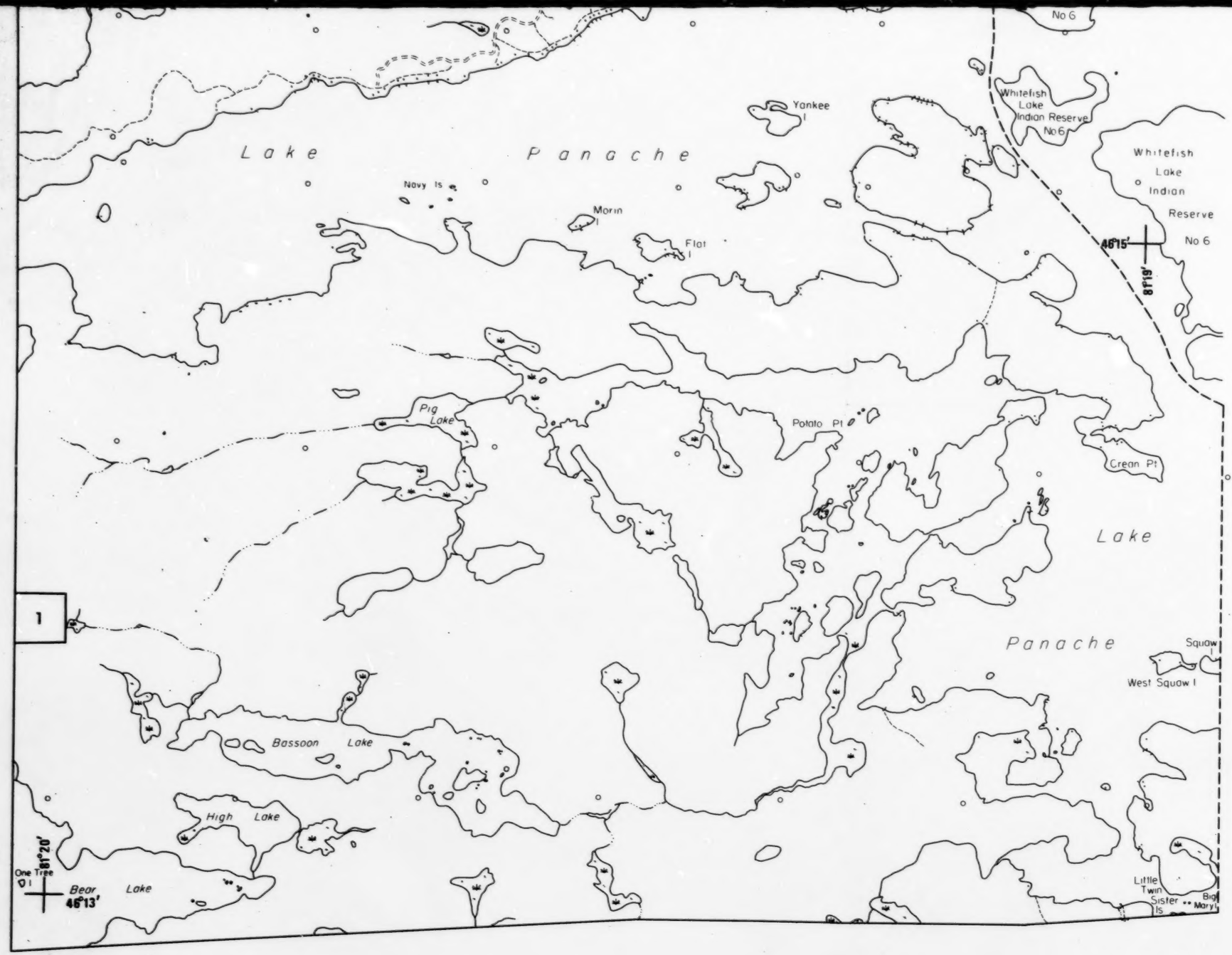
DIEPPE TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre



EXPLORATION DATA FILE AREAS

☒ ① ⑥ Reference number is always inside work area outlined. See listing in text pages

☐ x ④ Small area of exploration data.

☐

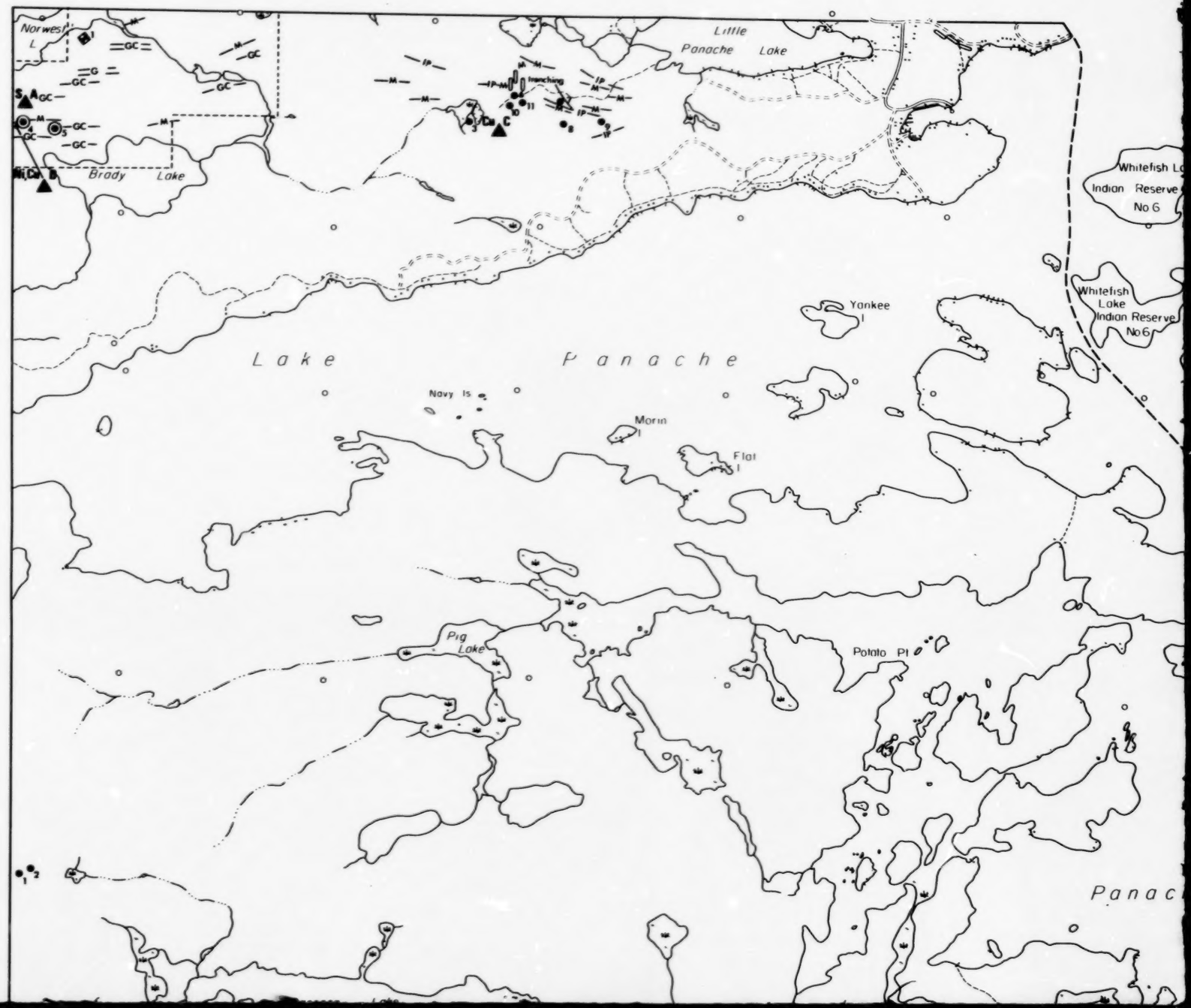
TYPES OF DATA SHOWN ON THIS MAP

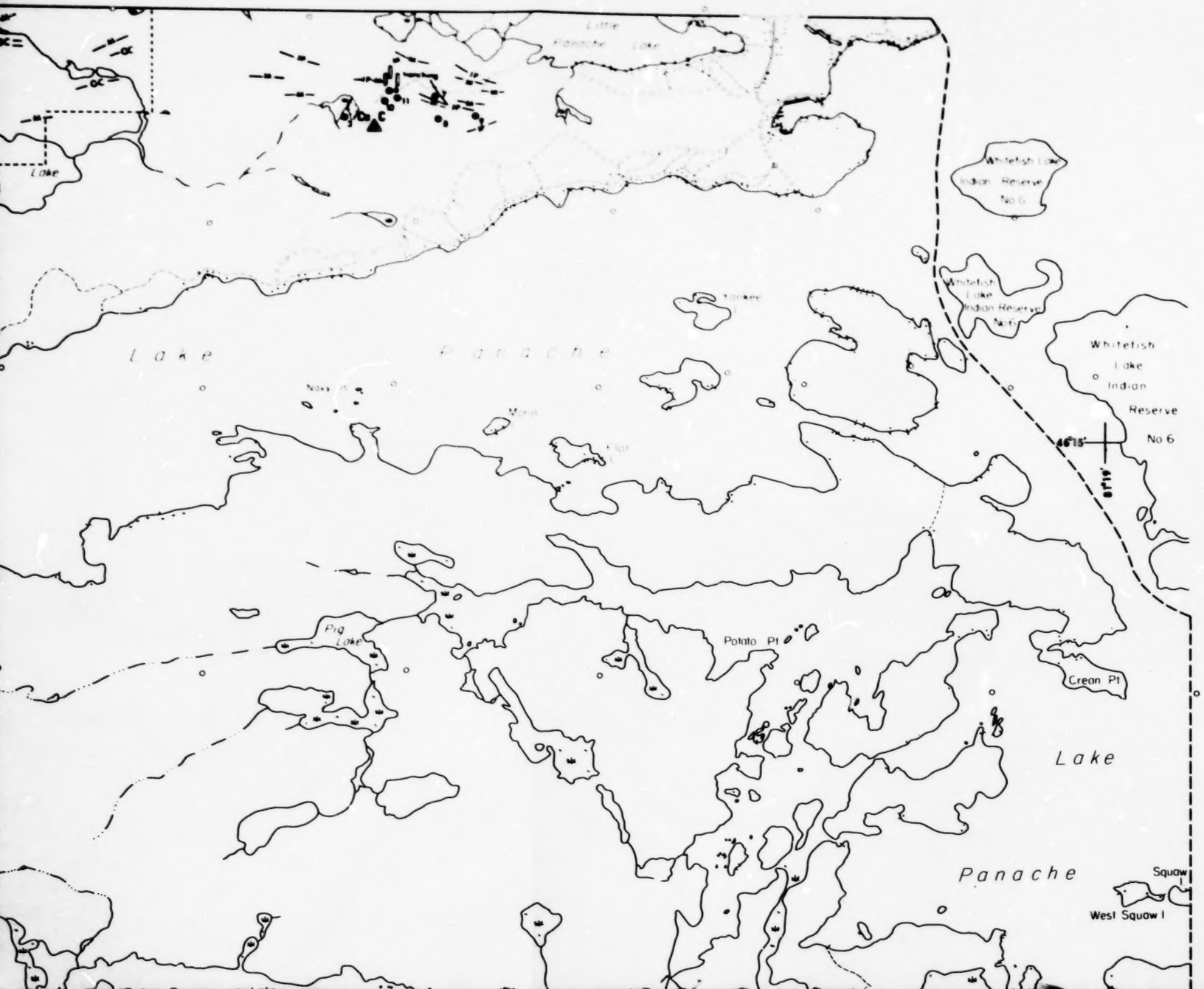
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☒ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number
- ☒ —GC— Geochemical Anomaly

GEOPHYSICAL ANOMALIES

- ☐ —AM— Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ☐ —ARA— Airborne Radiometric Anomaly
- ☒ —M— Ground Magnetometer Anomaly
- ☐ —VL— Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- ☐ —RA— Ground Radiometric Anomaly
- ☒ —IP— Induced Polarization Anomaly
- ☐ —SP— Self Potential Anomaly
- ☐ —AFMAG— Audio-frequency magnetometer anomaly (total intensity)
- ☐ —R— Resistivity Anomaly
- ☐ —GR— Gravity Anomaly
- ☐





Ministry of Natural Resources
Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
Map to Accompany GEOLOGICAL DATA
INVENTORY FOLIO 149

DIEPPE TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number

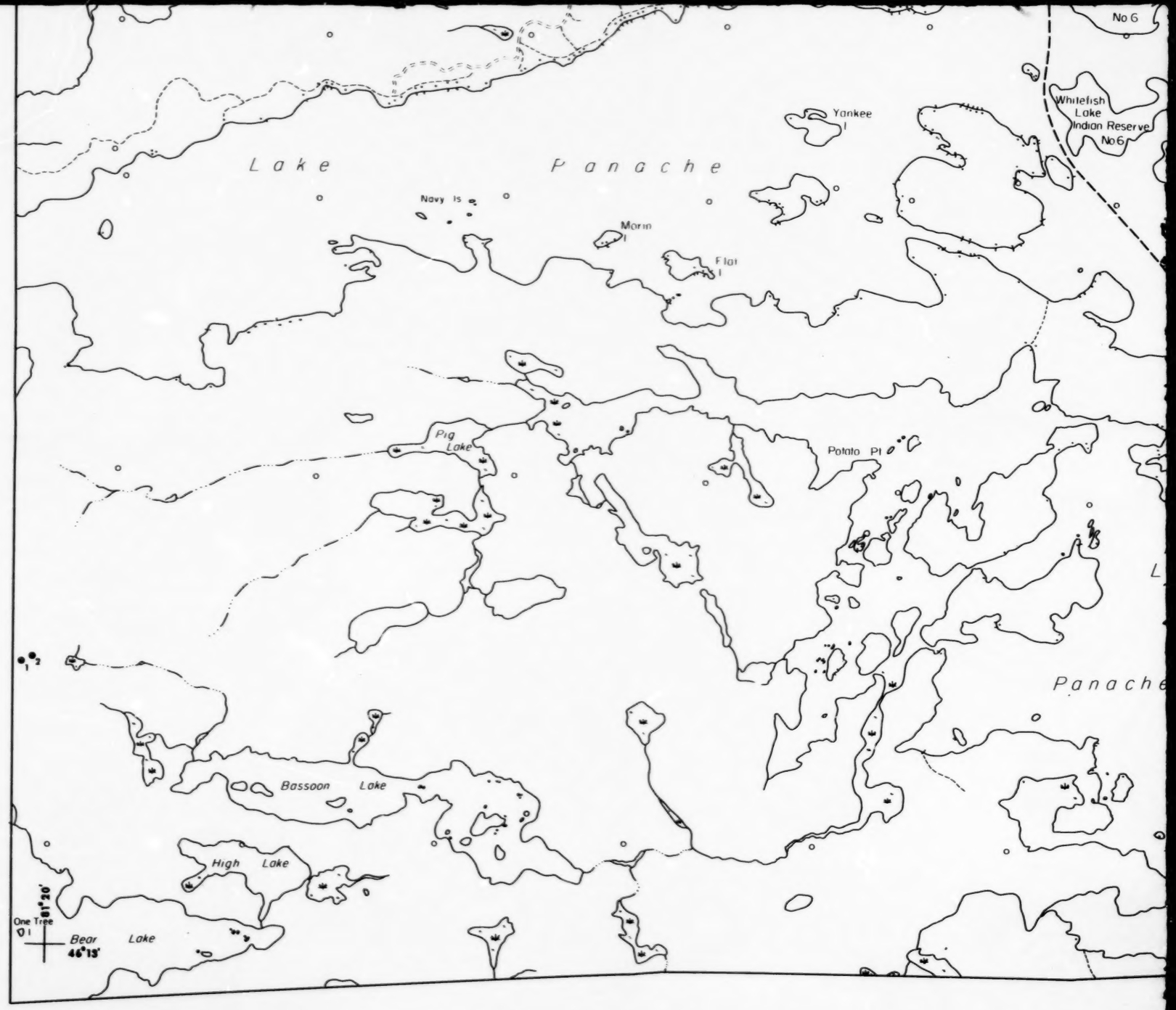
GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne Magnetometer Anomaly
- ☐ — Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ☐ — Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ☐ — Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☒ M — Ground Magnetometer Anomaly
- ☐ VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- ☐ RA — Ground Radiometric Anomaly
- ☒ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- ☐ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly
- ☐ ☐

MISCELLANEOUS DATA

- ☐ — Trenching, pit
- ☐ — Adit
- ☐ — Open pit
- ☐ ☐
- ☐ — Rock quarry
- ☐ — Sand and/or gravel pit
- ☐ ☐

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

Lake Panache

Whitefish Lake Indian Reserve No 6

Whitefish Lake Indian Reserve No 6

Pig Lake

Potato Pt

Crean Pt

Lake Panache

Squaw I

West Squaw I

Bassoon Lake

High Lake

Lake

Little Twin Sister Is

Big Mary I

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

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DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number